

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: SORKIN, Felix L.

SERIAL NO.: 10/756775

ART UNIT: 3609

FILED: June 14, 200

EXAMINER: Bartosik, A. N.

TITLE: POSITIVELY RETAINED CAP FOR USE ON AN ENCAPSULATED ANCHOR OF A POST-TENSION ANCHOR SYSTEM

Amendment A: CLAIM AMENDMENTS

Claims 1 - 20 (canceled).

21. (new) An anchor assembly for a post-tension system comprising:

an anchor member having an end surface;

a polymeric encapsulation covering said anchor member, said polymeric encapsulation having a tubular section extending outwardly of said end surface;

a rigid ring affixed within said tubular section, said rigid ring having a notch formed on an inner wall thereof; and

a cap having a generally tubular body with an open end and a closed end, said cap having a flanged end adjacent said open end, said flanged end having an outer periphery engageable within said notch of said rigid ring.

22. (new) The anchor assembly of Claim 21, said flanged end having an end surface and an outer wall extending outwardly therefrom, said outer wall having a lip formed at an end thereof opposite said end surface, said lip being said outer periphery engageable within said notch.

23. (new) The anchor assembly of Claim 22, said outer wall having a groove formed in said outer wall, the assembly further comprising:

an elastomeric seal received within said groove and extending around said cap, said

elastomeric seal being in generally liquid-tight engagement with said inner wall of said rigid ring.

24. (new) The anchor assembly of Claim 21, said rigid ring being of a steel material.

25. (new) The anchor assembly of Claim 21, said polymeric encapsulation being in injection molded relationship around an exterior surface of said rigid ring.

26. (new) The anchor assembly of Claim 21, said notch comprising a first notch formed around said inner wall of said rigid ring adjacent an end of rigid ring opposite said end surface of said anchor member.

27. (new) The anchor assembly of Claim 26, said notch comprising a second notch formed around said inner wall of said rigid ring adjacent an opposite end of said rigid ring, said second notch being in spaced parallel relationship to said first notch.

28. (new) The anchor assembly of Claim 21, further comprising:

a tendon affixed to said anchor member, said tendon having an end extending outwardly of said end surface of said anchor member and into said open end of said cap.

29. (new) The anchor assembly of Claim 21, said rigid ring having a tapered surface at an end thereof adjacent an end of said tubular section of said polymeric encapsulation opposite said end surface of said anchor member.

30. (new) An anchor for a post-tension anchor system comprising:

an anchor member having an end surface;

a polymeric encapsulation covering said anchor member, said polymeric encapsulation having a tubular section extending outwardly of said end surface;

a rigid ring affixed within said tubular section, said rigid ring having a notch formed on an inner wall thereof, said polymeric encapsulation being an injection molded

relationship around an exterior surface of said rigid ring.

31. (new) The anchor of Claim 30, said rigid ring being of a steel material.

32. (new) The anchor of Claim 30, said notch comprising a first notch formed around said inner wall of said rigid ring adjacent an end of rigid ring opposite said end surface of said anchor member.

33. (new) The anchor of Claim 32, said notch further comprising a second notch formed around said inner wall of said rigid ring adjacent an opposite end of said rigid ring, said second notch being in spaced parallel relationship to said first notch.

34. (new) The anchor of Claim 30, said rigid ring having a tapered surface at an end thereof adjacent an end of said tubular section of said polymeric encapsulation opposite said end surface of said anchor member.

35. (new) The anchor of Claim 30, further comprising:
a tendon affixed to said anchor member, said tendon having an end extending outwardly of said end surface of said anchor member.